THE FOLLOWING ADDITIONS, DELETIONS, CLARIFICATIONS AND/OR CHANGES SHALL BE MADE AND INCORPORATED IN THE SUBJECT IFB:

*The addition of the following documents has been uploaded to the UNLV website www.unlv.edu/purchasing/solicitations.*

Addendum A

Addendum B Revised Drawings

Addendum B Narrative

Addendum B Geotechnical Report

Addendum B Wiring Specifications August 26, 2015

**Question 1**

Sheet E3.01 keynotes 7 & 8 both refer to White Hall Room 181, which is not shown. Please clarify

**Answer 1**

The location of White Hall Room 181A (the number has been corrected) is indicated on sheet ES1.01.

**Question 2**

Q2.1: Please clarify how many data drops will be at each location.
Q2.2: Please specify what rating the data drops will be, Cat 6 or Cat 6a.
Q2.3: Please clarify what AV cabling requirements are for door signage.
Q2.4: Please clarify what camera/intrusion requirements are.
Q2.5: Please note what the building and campus tie requirements are for fire alarm.

**Answer 2**

Q2.1: Please clarify how many data drops will be at each location.
A: Refer to Campus Wiring Standards.
Q2.2: Please specify what rating the data drops will be, Cat 6 or Cat 6a.
A: Data drops are to be CAT6A.
Q2.3: Please clarify what AV cabling requirements are for door signage.
A: There are no AV cabling requirements for door signage.
Q2.4: Please clarify what camera/intrusion requirements are.
A: There are no camera/intrusion requirements.
Q2.5: Please note what the building and campus tie requirements are for fire alarm.
A: Tie point is in Room 181A in White Hall. Connection requirements are indicated in the note.

**Question 3**

Bid Attachment 1, Pricing Response Form, states in part, “Please provide a breakdown of Quote by Divisions for Item C.” Line Items are broken out basically for Divisions 2 through 16. Are we to allocate General Conditions Costs, Insurance, Bond Costs and Fee, etc... appropriately to each line item?

**Answer 3**

All additional costs should be appropriated within the Divisions requested on the Attachment 1 Pricing Response Form. This is for information purposes only.

**Question 4**

AIA Document A105 – 2007 contradicts itself regarding Property Insurance / Builders Risk. Please clarify if Builders Risk is required by the GC on this project or not?

**Answer 4**

Builders Risk Insurance is required. Anywhere AIA conflicts will be amended in the contract prior to execution.

**Question 5**
AIA Document A105 – 2007, 8.7 Permits, Fees and Notices requires clarification as to if the Contractor is responsible for the costs associated with any permits and fees required.

**Answer 5**

UNLV is responsible for the cost associated with the building permit fees from the state public works division and state fire marshal.

**Question 6**

Conflicts exist between AIA Document A105 – 2007, 15.2 Tests and Inspections, Section 01400 Quality Requirements, 1.6 Testing and Inspection Agencies, A. & B., and Section 01453 Code-Required Special Inspections, 1.6 Special Inspection Agency: A. Please clarify who is responsible for the costs associated with Testings and Inspections.

**Answer 6**

UNLV is responsible for the cost associated with Testing and Inspections. Anywhere AIA conflicts will be amended in the contract prior to execution.

**Question 7**

Sheet S0.02 General Notes, Foundation, 1. States, “The design of the foundation system is based on the Geotech Report (and any Addenda) prepared by Geotek, Inc., Report Number 12799-LV, dated 01/22/2016. Please provide.

**Answer 7**

Refer to attached Geotech Report provided as Information Available to Bidders.

**Question 8**

Section 01500 Construction Facilities and Controls, Part 1 – General, B. Construction Facilities: 1. Field Offices and Sheds. Please provide the requirements.

**Answer 8**

Requirements have been added to section 01500.

**Question 9**

Sheet S0.02 General Notes, Structural Steel and Steel Deck, 6. Fireproofing, D., states “For fireproofing requirements, specifications and thicknesses refer to the Architectural Drawings.” I’m not finding any Sprayed On Fireproofing specifications or Architectural Drawing Details? Please clarify.

**Answer 9**

No spray on fireproofing is required.
**Question 10**

Regarding Section 06640 Fiber Reinforced Plastic (FRP) Paneling. I'm not seeing any FRP indicated on the Drawings. Where does this occur?

**Answer 10**

FRP does not occur anywhere in the project. Section 06640 has been removed from the Project Manual.

**Question 11**

Section 09056 Common Work Results for Flooring Preparation, Part 1 – General. 1.1 Section Includes: states, “A. This section applies to all floors identified in the contract documents as to receive the following types of floor coverings: 1. Resilient tile and base. 2. Carpet tile. 3. Thin-set ceramic tile.” I’m not seeing any of these type of floor finishes indicated on the Drawings? Please clarify.

**Answer 11**

Flooring throughout the facility is MMA (methyl methacrylate), a type of resilient flooring. Floor preparation is still required.

**Question 12**

Drawing E3.01 – Keynote #7 & #8 – Can you provide an as-built drawing or floorplan that shows where Room 181A is in White Hall. We need to be able to take-off the distance for conduit and wire runs to that room per the drawings. We also need to see where Room 225 is.

**Answer 12**

The White Hall Building has been added to ES1.01. Keynotes 7 and 8 now reference to ES1.01. The room number has been revised to 181A, and room 225A location has been added.

**Question 13**

Can you provide an as-built drawing or floorplan that shows where Mechanical Room 225 is in White Hall.

**Answer 13**

The general location of this room, on the second floor, is shown in the key plan on sheet M1.02. The design layout of this room is presented in drawing 3/M1.02. Also, refer to sheet ES1.01.

**Question 14**

Is the Fume Hood specified in Section 11235 for procedure rooms 007 and 008 Contractor Furnished or Contractor Installed (CFCI)?

**Answer 14**

Yes, the fume hood is indicated as CFCI on sheet A1.01.
**Question 15**

Please find the attached product data along with the MSDS sheets for the proposed products that I am submitting. The system that I am submitting meets all the qualifications of the MMA system with one exception. The MMA (Methyl Methaculates) tend to have a quicker turn around that benefits projects that need to avoid loss revenue by opening the floor within 24 to 48 hours. The system that I am proposing will be decorative and functional with equivalent chemical resistant properties along with ease of maintenance. Once completely installed, there will be a minimum cure time of 48 hours.

**Answer 15**

This substitution is not approved.

**Question 16**

Please see the attachment for our formal request for product substitution consideration on the University of Nevada Las Vegas Animal Care Facility project. We are submitting the following products for your consideration.

* 588-10K Non-Shrink, Non-Ferrous, Mineral-Aggregate-Based Precision Grout
* PERMINATOR(r) HP 15 mil Underslab Vapor Barrier
* POURTHANE(r) NS Non-Sag Joint Sealant
* POURTHANE(r) SL Self-Leveling Joint Sealant

**Answer 16**

These substitutions are approved.

**Question 17**

In the plans the finish schedule calls for the doors and frames to be painted PC-2 epoxy. The specs 09900 section 3.10 (schedule) calls for water based semi gloss. Is the water based epoxy to be in a latex form?

**Answer 17**

Specification section 09900 has been updated to reflect that doors and frames are to receive epoxy paint.

**Question 18**

There are some exposed ceiling structures that call out for paint. In most cases dryfall is used. The finish schedule in the plans call for PC-1 epoxy. Please clarify.

**Answer 18**

Dryfall is acceptable for use in the rooms with ceilings exposed to the structure.
**Question 19**

Spec Section 01045 & 01732 - In the specification manual, there are two sections for “Cutting & Patching” #01045 & #01732. Which one or are both to be used? #01732 is not in the Table of Contents.

**Answer 19**

Specification section 01732 has been removed from the Project Manual.

**Question 20**

Spec Section 02070 & 02221 - In the specification manual, there are two sections for “Selective Demolition” #02070 & #02221, which one or are both to be used? #02070 Selective Demolition is not in the Table of Contents, but # 02070 Site Demolition is.

**Answer 20**

Specification section 02070 – Selective Demolition has been removed from the Project Manual.

**Question 21**

Spec Section 13910 & 15300 - In the specification manual, there are two sections for “Fire Sprinkler System” #13910 & #15300. Which one or are both to be used? Both are in the Table of Contents.

**Answer 21**

Specification section 13910 has been removed from the Project Manual.

**Question 22**

E3.01 - Keynote #1 states “1”c to cable tray, Provide CAT-6A Cable from outlet to room 026 data rack. “This seems to imply (1) cable per drop. However, the Campus Wiring Standards, item 1.4.F.4 states that every data drop will get at least (2) data drops per outlet. What is required at these typical data drops?

**Answer 22**

Keynote #1 does not specify quantity, only cable type. Install quantity per the Campus Wiring Standards.

**Question 23**

E3.01 - Please confirm that the data drops will be required to be CAT 6A rated.

**Answer 23**

Yes. CAT6A is required per Campus Wiring Standards.

**Question 24**

E3.01 – Please clarify what the AV cabling requirements are for the interior door signage.
**Answer 24**

There is no AV cabling for the interior door signage.

**Question 25**

E3.01 – Please clarify what the camera/intrusion requirements are for the interior door signage.

**Answer 25**

There are no camera/intrusion requirements for the interior door signage.

**Question 26**

E3.01 – Keynote # 13 – Please note what the building and campus tie requirements are for the fire alarm.

**Answer 26**

Tie point is in Room 181A in White Hall. Connection requirements are indicated in the note.

**Question 27**

ES1.01 – Can you direct us to the reference drawing or the distance between TTB Room #026 to Room #181A of the White Hall building? What is the ceiling height of the White Hall building to run our (2) 4” conduits per note #2 of ES1.01 drawing?

**Answer 27**

See ES1.01. Field verify ceiling height – conduits to be routed above ceilings.

**Question 28**

ES1.01 – Is there a specification/catalog number for the Surgery Light fixture type “F”?

**Answer 28**

Added catalog number and contact information to fixture schedule. Refer to sheet E6.03 – Light Fixture Schedule.

**Question 29**

ES1.01 – Is the light bar per note #2 of E1.01 to be furnished by others? They were not on the fixture schedule.

**Answer 29**

The light bar is actually a ceiling mounted unistrut. Refer to the reflected ceiling plan A3.01 and detail 9/A3.10.

**Question 30**
E1.01 – Keynote #2 says “Ceiling mounted receptacle for light bar adjacent to recessed steel struct”. The type of light bar is not called out on the drawing or note, please clarify who is to provide and install the light bar and what type will it be?

**Answer 30**

The light bar is actually a ceiling mounted unistrut. Refer to the reflected ceiling plan A3.01 and detail 9/A3.10.

**Question 31**

ES1.01 – Keynote #2 – Are the (2) 4” conduits only to be stubbed in to the White Hall or do they continue to White Hall Room 181A?

**Answer 31**

The conduits continue to White Hall room 181A, stubbed down through the ceiling above the appropriate backboard. Coordinate exact location with UNLV OIT.

**Question 32**

ES1.01 – Keynote #3 is referring to White Hall 181A. Please provide the location of this room or length of Inner Duct Needed to reach this room.

**Answer 32**

Room 181A location added on ES1.01.

**Question 33**

A6.00 – Detail 5&6 – Entry North and Entry South Walls have exposed faces on both sides of each wall. Please clarify if 1 face of each wall is to be finished or if both faces are to be finished.

**Answer 33**

The north and south CMU walls are only exposed on the exterior side – both split faced and honed. Interior of CMU to be honed and furred out with wall type G1 (refer to sheet A2.30).

**Question 34**

S0.02 – Masonry Section – Per the General Structural Notes, the CMU is to meet required design strengths of f’m = 1,500 PSI with the following criteria. Grout = 2,000 PSI, Mortor = 1,800 PSI (Type S), and Block = 2,000 PSI. However the Spec Book calls for CMU to have a minimum Unit Compressive Strength of 2,500 PSI under Part 2 – Products of Section 04200 – Unit Masonry. Please specify if Loscha’s engineering is to supersede the specifications referred to in the Spec Book?

**Answer 34**

f’m = 1,500 PSI as shown on the drawings is correct. Specification section 04200 has been updated.
**Question 35**

Bid Attachment 1, Pricing Response Form states in part, “Inclusion of Phase 2 construction is based on availability of funding.” With that said, what is the basis of award? Phase 1 (Bid Item A) or Phase 1 and Phase 2 combined (Bid Item C)? If Construction of Phase 2 is based on availability of funding, should not the basis of award be based on Phase 1, which should be designated as the Base Bid and Phase 2 be designated as Add Alternate 1? Please clarify as it is possible the way the bid schedule is written to have two (2) apparent Low Bidders, open for interpretation and possible protests.

**Answer 35**

UNLV intends to award based on Phase 1 and 2 for low bid. UNLV reserves the right not to proceed with Phase 2.

**Question 36**

RFI requesting a substitution for the resinous flooring material. – Key MMA Chip 900 Flooring

**Answer 36**

This substitution is not approved.

**Question 37**

RFI requesting “Acceptable Manufacturer” for Laboratory Pressurization Controls (Section 15930), and

**Answer 37**

This substitution is not approved.

**Question 38**

RFI requesting “Acceptable Manufacturer” - Humidification System (Section 15750)

**Answer 38**

Humidifier by Long is not acceptable.

**Question 39**

RFI requesting “Acceptable Manufacturer” - Rooftop Air Handling Unit with Coils (Section 15855)

**Answer 39**

Innovent by Long is acceptable. The unit manufacturer shall ensure that all pieces, including condenser section and exhaust fans, could be properly assembled in the field with no additional field fabrication.

**Question 40**
Can we submit a higher R value and lower price rigid insulation in lieu of the Extruded per specs?

**Answer 40**

Yes. It must be compatible with the membrane manufacturer and installation.

**Question 41**

Will drywall be provided on rigid insulation above all ceilings? the specified rigid insulation cannot be left exposed. If not, suggest the type.

**Answer 41**

Yes, details 3 and 4 on A3.10 have been updated.

**Question 42**

What are the Liquidated Damages amount for Bid #5236-BC?

**Answer 42**

Liquidated damages will be negotiated at the time of contract.

**Question 43**

Please see attached substitution specifications for the Foam Board Materials Section 07213

1. Thermasheath would substitute as specified materials – at a higher R value with lower costs and;
2. TSX8500 would replace specified materials and could be left exposed above ceilings;

**Answer 43**

1. The Thermasheath product substitution is acceptable.
2. The TSX8500 product substitution is acceptable. Note: Refer to product literature for limitations and shall not be used in exterior roofing systems.

**Question 44**

Is 3rd party commissioning required and if so, who is responsible for contracting the commission agent?

**Answer 44**

3rd party commissioning is determined on a case by case basis. This will be determined at a later date. If UNLV decides to hire a commissioner, they will be hired outside the contractor’s scope of work.

**Question 45**

Can we set up a job walk for subcontractors to review areas impacted inside of White Hall?
**Answer 45**

A job walk will not be available due to time constraints and disruption of the researchers.

**Question 46**

Electrical Drawings – Note 2 calls for a 1600 Amp Service Entrance Rated ATS, however, the drawings itself shows it as a 1200 AMP. Which AMP rating would you prefer for the ATS?

**Answer 46**

On sheet E5.02, Note 2 changed to 1200A Service Entrance rated ATS. Clarified NVE and Customer owned meters.

**Question 47**

Sheet E3.02, note #3 calls for the installation of (2) CAT 6A cables to each camera location identified. Will this be the same for the cameras identified on sheet E3.01, detail drawing for Phase 2?

**Answer 47**

No, the cameras on E3.01 are for researcher use and are not part of the security camera system. Provide cabling as indicated on the drawing.

**Question 48**

Will it be the responsibility of the Low Voltage Contractor to install the Owner provided wireless access points?

**Answer 48**

Yes, this will be the responsibility of the Low Voltage Contractor.

**Question 49**

Will it be the responsibility of the Low Voltage Contractor to provide and install the FIELD side patch cords for the wireless access points?

**Answer 49**

Yes. Also, these contractor provided patch cables should be plenum rated if installed above drop ceilings or in other plenum space.

**Question 50**

Is the installation of the Access Control System to include cabling, and devices to be bid direct to Owner by Owner’s vendor?

**Answer 50**
The contractor is to install all related conduit and electrical systems to support the access control system, which UNLV will contract directly.

**Question 51**

Spec 13851 – Are we connecting the fire alarm to the existing system in the White Building or is this going to be a new standalone system? If we are connecting to the existing system in the White Building what is the Manufacturer of fire alarm system currently installed? Is there a preferred fire alarm contractor?

**Answer 51**

The fire alarm will be a standalone system. For reference, the existing system in White Hall is a Notifier-320E. EDS would be the preferred contractor.

**Question 52**

Drawing E1.03, E1.04, E1.05 – Spec 16936 – Is the UNLV set on using the specific Lutron system shown on the drawings (this system is pretty extensive for a 5,000 sqft building)? We can offer a VE on the controls, just to offer local switching with dimming capabilities. Is that something UNLV might be interested in?

**Answer 52**

The Lutron system shown on the drawings is to be used.

**Question 53**

Drawing ES.02 – 1 & Feeder Schedule – On the single line (sheet ES.02) there is a new 300KVA transformer shown (labeled “TS” on single line “T1” in feeder schedule), is this supplied by NVE or by the electrical contractor?

**Answer 53**

Clarified, Transformer TS provided by NVE. Changed T1 to TS on feeder schedule.

**Question 54**

Drawing C4.01 – Will we be allowed to block pedestrian traffic and fence off the existing sidewalk for installation of the required utilities, north of the White Building from the 8” water tie-in to the new fire hydrant/power transformer?

**Answer 54**

The contractor must provide an alternate pedestrian access for APPROVAL BY UNLV prior to fencing off the area.

ALL OTHER TERMS, CONDITIONS AND SPECIFICATIONS REMAIN THE SAME